

LISTING OF CLAIMS:

1. (Currently amended) A computer implemented method for facilitating communication between an InfiniBand host system and a device with an internal InfiniBand bus structure ~~computer subnets~~, the method comprising:
 - preposting command buffers to an InfiniBand isolation bridge, ~~presetting buffers in an internal subnet~~, wherein the buffers route contain external small computer system interface commands to a plurality of devices within the internal subnet;
 - receiving a command from the InfiniBand host system; ~~from an external subnet to the internal subnet~~;
 - translating the command from an InfiniBand host system command to a command for the device with an internal InfiniBand bus structure to form a [[new]] translated command, different from the command, and sending the [[new]] translated command to the device with an internal InfiniBand bus structure ~~an internal device within the internal subnet, as determined by the buffers; and~~
 - performing the [[new]] translated command, within the internal subnet; and
wherein the internal subnet appears as a single device to the external subnet;
2. (Currently amended) The method according to claim 1, further comprising:
sending a command completed message to the InfiniBand host system, wherein the message appears to originate from the InfiniBand isolation bridge, ~~further comprising sending a message to the external subnet indicating a completion status of the command.~~
3. (Previously presented) The method according to claim 1, wherein the command is a RAID write command, and the method is performed in an endnode that originates and finally consumes messages in a system area network.
4. (Previously presented) The method according to claim 1, wherein the method is performed in an endnode that originates and finally consumes messages in a system area network.

5. (Currently amended) A computer implemented method for facilitating communication between an InfiniBand host system and a device with an internal InfiniBand bus structure ~~computer subnets~~, the method comprising:
- initiating a translation mapping to an InfiniBand translation bridge, for an internal subnet, wherein the translation mapping associates external command addresses with the device with an internal InfiniBand bus structure internal device addresses;
 - receiving a command from the InfiniBand host system; an external subnet to the internal subnet;
 - translating ~~[[the]]~~ a destination local identifier of the command to a destination local identifier for the device with an internal InfiniBand bus structure address to form a translated address and sending the command to the device with an internal InfiniBand bus structure associated with the translated address ~~an internal device address~~, as determined by the translation mapping; and
 - performing the command;
 - ~~wherein the internal subnet appears as a single device to the external subnet.~~
6. (Currently amended) The method according to claim 5, wherein the ~~internal device with an internal InfiniBand bus structure~~ is a RAID storage controller.
7. (Currently amended) The method according to claim 5, further comprising:
sending a command completed message to the InfiniBand host system, wherein the message appears to originate from the InfiniBand translation bridge, wherein the external and internal subnets are comprised of different architectures.
8. (Previously presented) The method according to claim 5, wherein the method is performed in an endnode that originates and finally consumes messages in a system area network.
9. (Previously presented) The method according to claim 5, wherein the command is a RAID read command, and the method is performed in an endnode that originates and finally consumes messages in a system area network.

10. (Currently amended) A system for facilitating communication between an InfiniBand host system and a device with an internal InfiniBand bus structure ~~computer subnets~~, the system comprising:
- a register for preposting command buffers to an InfiniBand isolation bridge, ~~presetting buffers in an internal subnet~~, wherein the buffers ~~route~~ contain external small computer system interface commands to a plurality of devices within the internal subnet;
 - a receiver for receiving a command from the InfiniBand host system; ~~an external subnet to the internal subnet~~;
 - a translating component for translating the command from an InfiniBand host system command to a command for the device with an internal InfiniBand bus structure to form a ~~[[new]] translated command, different from the command~~, and sending the ~~[[new]] translated command to the device with an internal InfiniBand bus structure~~ an internal device within the internal subnet, as determined by the buffers; and
 - a processing component for performing the ~~[[new]] translated command within the internal subnet~~; and
~~wherein the internal subnet appears as a single device to the external subnet.~~
11. (Currently amended) The system according to claim 10, further comprising:
a sending component for sending a command completed message to the InfiniBand host system, wherein the message appears to originate from the InfiniBand isolation bridge, wherein the internal device sends a message to the external subnet indicating a completion status of the command.
12. (Previously presented) The system according to claim 10, wherein the system is an endnode that originates and finally consumes messages in a system area network.
13. (Previously presented) The system according to claim 10, wherein the command is a RAID read command, and the system is an endnode that originates and finally consumes messages in a system area network.

14. (Currently amended) A system for facilitating communication between an InfiniBand host system and a device with an internal InfiniBand bus structure ~~computer subnets~~, the system comprising:

a register for initiating a translation mapping to an InfiniBand translation bridge, for an internal subnet, wherein the translation mapping associates external command addresses with the device with an internal InfiniBand bus structure; internal device addresses;

a receiver for receiving a command from the InfiniBand host system; an external subnet to the internal subnet;

a translating component for translating ~~[[the]]~~ a destination local identifier of the command to a destination local identifier for the device with an internal InfiniBand bus structure address to form a translated address and sending the command to the device with an internal InfiniBand bus structure associated with the translated address ~~an internal device address~~, as determined by the translation mapping; and

a processing component for performing the command, ~~wherein the internal subnet appears as a single device to the external subnet, as each of a plurality of devices within the internal subnet are accessed by the external subnet using a same network address.~~

15. (Currently amended) The system according to claim 14, wherein the ~~internal device with an internal InfiniBand bus structure~~ is a RAID storage controller.

16. (Currently amended) The system according to claim 14, further comprising:

a sending component for sending a command completed message to the InfiniBand host system, wherein the message appears to originate from the InfiniBand translation bridge. ~~wherein the external and internal subnets are comprised of different architectures.~~

17. (Previously presented) The system according to claim 14, wherein the command is a RAID write command, and the system is an endnode that originates and finally consumes messages in a system area network.

18. (Previously presented) The system according to claim 14, wherein the system is an endnode that originates and finally consumes messages in a system area network.